

**AMENDMENTS TO THE DRAWINGS**

Please replace original Figures 5 and 6 with the attached Figures 5 and 6. The labels of these figures have been changed according to the Examiner's suggestion. No new matter is added.

**REMARKS**

Claims 1-3, 5, 7, 9-21, 23, and 25-34 are pending in the present application. By this Reply, claims 4, 6, 8, 22 and 24 have been canceled and new claims 33 and 34 have been added.

**Drawing Objection**

The drawings have been objected to because Figures 5 and 6 are labeled improperly. To overcome this objection, Figure 5 has been labeled as Figure 6 and Figure 6 has been labeled as Figure 5 according to the Examiner's suggestion. This objection should be withdrawn.

**35 U.S.C. § 112, Second Paragraph Rejection**

Claim 18 and 30 have been rejected under 35 U.S.C. § 112, second paragraph as being indefinite. These claims have been reviewed and revised to overcome this rejection. Thus, reconsideration and withdrawal of this rejection are respectfully requested.

**35 U.S.C. § 102 and 103 Rejection**

Claims 1, 9-11, 17, 25, 26 and 32 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Park. Claims 2-4, 12, 16, 18-20, 27 and 31 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Park in view of Ohata et al. Claims 5, 6, 21 and 22 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Park and Ohata et al. as applied to claims 2, 4, 18 and 20 above and further in view of Ko et al. Claims 7 and 23 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Park in view of Lee et al. Claims 8 and 24 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Park, Ohata et al., and Ko et al. as applied to claim 6 and 22 and further in view of Lee et al. Claims 13-15 and 28-30 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Parek and Ohata et al. as applied to claims 12 and 28 above, and further in view of Takahashi. These rejections, insofar as they pertain to the presently pending claims, are respectfully traversed.

Without acquiescing to any of the Examiner's allegations made to reject these claims, and to expedite prosecution only, independent claim 1 has been amended to incorporate the subject matter of claims 5 and 6, and independent claim 17 has been amended to incorporated the subject matter of claims 21 and 22. Device claim 32 has been amended in a similar manner.

Since the subject matter of claims 5, 6, 21 and 22 has been added to independent claims 1, 17 and 32, which were rejected over Park, Ohata and Ko et al., Applicants hereby submit the certified English translations of two Korean priority documents (Application No. 10-2002-0058515 filed September 26, 2002 and Application No. 10-2003-0002330 filed January 14, 2003) to eliminate Ko et al. as a prior reference and to address the rejections. Thus, these rejections are overcome and reconsideration and withdrawal of the rejections are respectfully traversed.

**New Claims**

New claims 33 and 34 recite the distinguishing features of the present invention over the prior art of record. Thus, indication of allowance of these claims is respectfully requested.

**CONCLUSION**

For the foregoing reasons and in view of the above clarifying amendments, the Examiner is respectfully requested to reconsider and withdraw all of the objections and rejections of record, and an early issuance of a Notice of Allowance is respectfully requested.

Should there be any matters which need to be resolved in the present application, the Examiner is respectfully requested to contact Esther H. Chong (Registration No. 40,953) at the telephone number of the undersigned below.

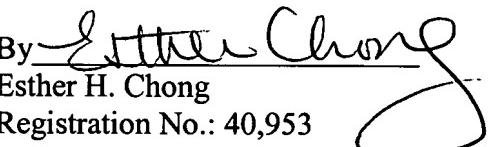
Application No. 10/670,326  
Amendment dated September 14, 2007  
Reply to Office Action of June 14, 2007

Docket No.: 0465-1030P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: September 14, 2007

Respectfully submitted,

By   
Esther H. Chong  
Registration No.: 40,953  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant

Enclosed:

Certified English translation of Korean priority document 10-2002-0058515

Certified English translation of Korean priority document 10-2003-0002330

Two (2) Replacement Drawing sheets for Figures 5 and 6